

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): In a wireless communication system, a method of paging a plurality of users belonging to a paging group, wherein user identities are provided that correlate to common paging channels and paging occasions, the method comprising:

(a) activating a point-to-multipoint (PtM) service for a plurality of wireless transmit/receive units (WTRUs) within a PtM service user group;

(b) assigning new temporary user specific identities to each of the WTRUs in response to activating the PtM service, the temporary user specific identities correlating to the same physical paging channel and paging occasion associated with group paging;

(c) selecting a physical paging channel from a list of paging channels; and

(d) ~~(b) determining a particular paging occasion on the selected physical paging channel, the paging occasion being identified by a unique radio frame number on the selected physical paging channel, wherein a temporary identity is used to synchronize paging services of both point to point (PtP) and point to multipoint (PtM) services.~~

2. (currently amended): The method of claim 1 wherein the selected physical paging channel is substantially equivalent to the temporary identity mod K, where K is the number of physical paging channels that exist with a cell.

3. (currently amended): The method of claim 2 wherein the unique radio frame number is substantially equivalent to:
$$\{\text{temporary identity div } K\} \bmod \{\text{discontinuous reception cycle length}\} + n * \{\text{discontinuous reception cycle length}\}.$$

Claims 4-7 (canceled)

8. (new): The method of claim 1 wherein a temporary WTRU identity or paging identity is used to synchronize paging occasions of both point-to-point (PtP) and PtM services.

9. (new): The method of claim 1 wherein a plurality of the WTRUs have a common paging occasion for both user specific and PtM user group paging.

10. (new): The method of claim 1 wherein, upon the occurrence of a paging occasion, the WTRUs check for both the WTRU specific paging identity and the PtM user group identity.

11. (new): The method of claim 1 wherein, if a maximum number of users permitted to be associated with any one paging occasion is less than the total number of users in the paging group, one or more additional paging occasions are established for the number of users that exceed the maximum number, and pages are generated distributed across a plurality of physical paging channels and paging occasions when the PtM service is established.

12. (new): A wireless communication system for paging a plurality of users belonging to a paging group, wherein user identities are provided that correlate to common paging channels and paging occasions, the system comprising:

(a) means for activating a point-to-multipoint (PtM) service for a plurality of wireless transmit/receive units (WTRUs) within a PtM service user group;

(b) means for assigning new temporary user specific identities to each of the WTRUs in response to activating the PtM service, the temporary user specific identities correlating to the same physical paging channel and paging occasion associated with group paging;

(c) means for selecting a physical paging channel from a list of paging channels; and

(d) means for determining a particular paging occasion on the selected physical paging channel, the paging occasion being identified by a unique radio frame number on the selected physical paging channel.

13. (new): The system of claim 12 wherein the selected physical paging channel is substantially equivalent to the temporary identity mod K, where K is the number of physical paging channels that exist with a cell.

14. (new): The system of claim 13 wherein the unique radio frame number is substantially equivalent to:

$$\{\text{temporary identity div } K\} \bmod \{\text{discontinuous reception cycle length}\} + n * \{\text{discontinuous reception cycle length}\}.$$

15. (new): The system of claim 12 wherein a temporary WTRU identity or paging identity is used to synchronize paging occasions of both point-to-point (PtP) and PtM services.

16. (new): The system of claim 12 wherein a plurality of the WTRUs have a common paging occasion for both user specific and PtM user group paging.

17. (new): The system of claim 12 wherein, upon the occurrence of a paging occasion, the WTRUs check for both the WTRU specific paging identity and the PtM user group identity.

18. (new): The system of claim 12 wherein, if a maximum number of users permitted to be associated with any one paging occasion is less than the total number of users in the paging group, one or more additional paging occasions are established for the number of users that exceed the maximum number, and pages are generated distributed across a plurality of physical paging channels and paging occasions when the PtM service is established.